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PHOTO METHODS FOR INDUSTRY



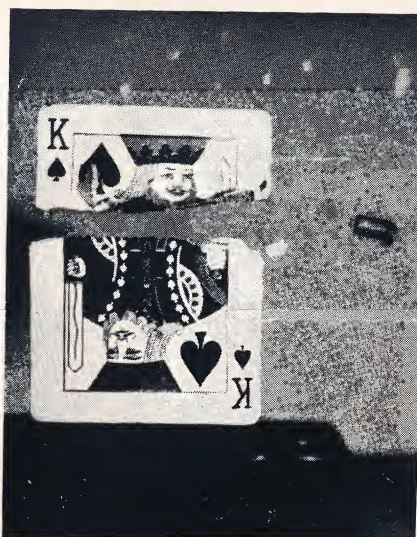
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GRAPHIC ARTS SECTION

INSTRUMENTATION SECTION

Plus Hyzer, Farber, Ashton, and Reshovsky

ECLAIR NPR



Specifications: Eclair NPR (noiseless portable reflex) 16mm motion picture camera. Manufactured in Paris, France, by Eclair International Diffusion. Sold in the United States by Eclair Corporation of America. Camera is designed to be operated with portable tape recorders unblimped for double system sound. Reflex finder with frame line is adjustable for viewing at any angle, adjustable to individual eye focus. Unique, in-line, interchangeable film magazines rest on operator's right shoulder when camera is used hand-held. Magazine incorporates pressure plate, thus magazine can be interchanged without threading camera. Pilot pin registration. Two-lens turret. Quick interchange electric motors.

Barry Brown, New York, New York, Director-Cameraman, reports: "Because of the Eclair camera and the transistorized tape recorder, I can make films today that I literally could not have made one year ago. Films I can make for next to no money I could not have made two years ago. I don't know if that's what you are interested in. That's what I'm interested in—not the fact that the camera is black or that it's got a pretty exterior.

"I am not interested in narrated films, in cartoons and that sort of thing. I want to make films which are, quote, dramatic and organic, with live dialogue spoken by nonactors. To do that the old way was both expensive and cumbersome (that's my word). My films are totally improvised: once you do that it means you do not rehearse. And if you do not rehearse, then you must have a camera in which you have absolute confidence, where you see exactly what you get.

"The Eclair is the first and only 16mm camera that gives you this, and that's what's exciting about it. We can go into a place and before the people are aware of it, we've made a whole

half-hour film with two cameras and in one day.

"You see, I'm not trained in this at all. I'm an aeronautical engineer from MIT. Somehow, I was always interested in doing something else and before I knew it, I was making movies. I've been doing this now for ten years.

"Anyway, the way we work with the Eclair is with sync sound—no sweat. The motor generates a sync signal and then you put the sync signal on the Pilotone. If we work with two cameras, we work 60-cycle AC if we can. If we can't work AC and we still have to use two cameras, then sometimes we use two tape recorders.

"We work very often with no sync signal whatsoever. We are able to regulate the speed of the Eclair motor running from a nickel-cadmium power pack reasonably close to 60 cycles so that for short takes, we can sync up the film and sound by eye.

"We picked up our Eclair right from Paris, number 43, and we shot all around Europe with it and then we took it back here and we had it maybe six months knocking out films with it constantly. This camera is a fantastic tool: at the end of a day of running all over New York, you've got a film and no broken backs. It weighs nothing. Everything we use weighs nothing. We pick it all up, three guys walk into a place and we shoot. We got these quartz lights and this new quarter-inch tape, 3M's 201. You can't miss.

"The camera is really quiet, you never need a blimp. It is as quiet in effect as some Mitchells. We have had no noise problems with the camera at all.

"To some people, the camera seems ungainly. This is because they're used to looking at cameras 'with ears,' as my little girl says. Actually, the camera is as good as it is because the factory's got a bunch of the sharpest, nicest young guys you ever saw. It's impossible to get good crackle finish and it seems it's impossible to get

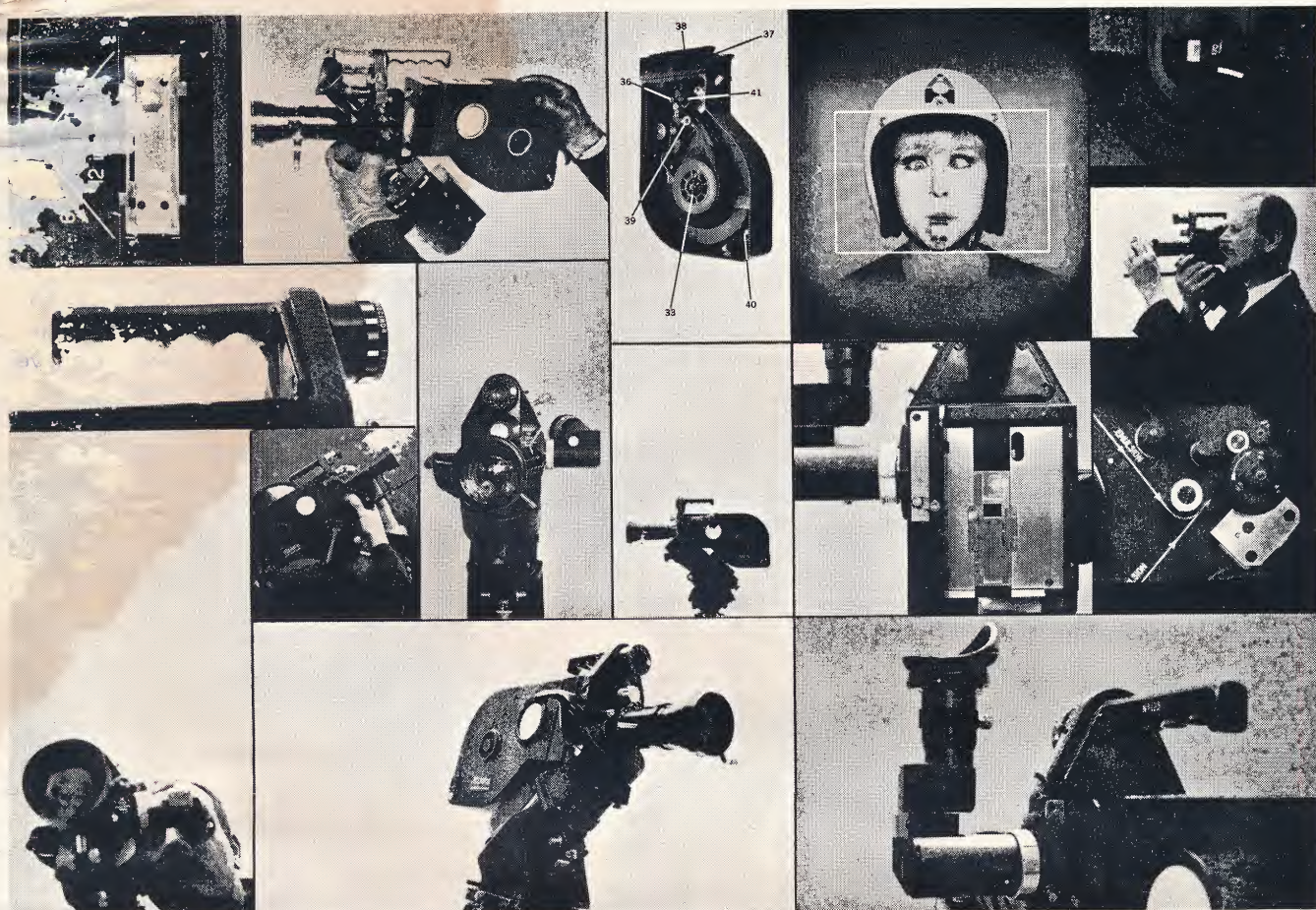
good castings made in France. The camera's not going to be another Arriflex. No, it's not going to have that kind of workmanship. But on the other hand, it is a superb instrument. The optics on it are just unbelievable. It's got the best registration on it I've ever seen on any 16mm camera. The whole concept of the magazines and everything is just great. I could go on and on. It has got a lousy handgrip, you know. But apart from that, it's terrific.

"I can't say enough about the finder: it's the first camera I have used that really works! What's different about the finder? Well, you can close it down completely and you can still see, even in a darkroom. The mirror's brighter, the path of the light is better and it rotates twice as fast, so the flicker is less. The finder has less optics, the groundglass is nearer, it's got a shorter lightpath, and it's got superior optics. You see the whole field with a black line in the middle so if there's a guy with a microphone coming into your field, you can see him like a foot before he does come in and you can wave him back. It's impossible to lose your action.

"The focus is fantastic because it is clear. Finally, the camera is great for hand-held filming because the center of gravity is lower, because they have the eyepiece in the right place and because the camera's behind your head. Naturally, I lean against a wall or sit down in a chair or brace myself in one way or another when I'm shooting.

"We never focus before we shoot. We turn it on and then we focus: it is almost instantaneous. It's like the camera is attached to your eyeball. You know you got it.

"So, as you can see, I'm very much interested in the Eclair. I don't think that this is the end: I'm not in love with the camera. I think that there will be a whole new generation of cameras in the next five years which will, when you look through them, extend your eye through the lens."



This camera will radically change your thinking about film making!

Whether you make entertainment, documentary, educational, industrial or television films, you will now be able to make complete sync. sound films as easily as you once shot silent and recorded wild. Shooting sync. sound won't take any more time or cost a cent more.

The new ECLAIR NPR (Noiseless, Portable, Reflex) is the first professional 16mm motion picture camera to free the film maker from the tyranny of the sound camera. It is designed to be used with the new professional portable 1/4" tape recorder; can be easily handheld, when necessary, and is so quiet no blimp is ever needed.

This freedom from the impedimenta of film making is combined with rugged construction, registration pin movement and the world's most advanced reflex viewing system.

Before you plan your next film, re-examine your basic thinking about film making...see the new ECLAIR 16 NPR.

Now available for demonstration, rental and sale at the following franchised Eclair dealers:

Los Angeles: Gordon Enterprises, 6362 North Cahuenga Boulevard, North Hollywood. Mark Armistead, Inc. (rental only), 1091 N. Formosa, Hollywood 46.

Chicago: Behrend Cine Corporation, 161 East Grand Avenue, Chicago 11, Illinois. *New York:* Florman & Babb-CECO, 315 East 43rd Street, New York 36, N. Y. Camera Service Center, 333 West 52nd Street, New York 19, N. Y. Or write for brochure to:

eclair

ECLAIR CORPORATION OF AMERICA
8078 Woodrow Wilson Dr., Los Angeles
46, California. Exclusive distributors in
the U.S.A. for Eclair cameras and
Perfectone tape recorders.

The ECLAIR NPR is only sold, rented and serviced by carefully selected franchised dealers. Each dealer is an outstanding specialist in the field of professional motion picture equipment.

LOS ANGELES

GORDON ENTERPRISES
6362 Cahuenga Boulevard
North Hollywood, California

MARK ARMISTEAD, INC.
(rental only)
1091 N. Formosa
Hollywood 46, California

CHICAGO

BEHREND CINE CORPORATION
161 East Grand Avenue
Chicago 11, Illinois

NEW YORK

FLORMAN & BABB-CECO, INC.
315 West 43rd Street
New York 36, N. Y.

CAMERA CENTER SERVICE
333 West 52nd Street
New York 19, N. Y.

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CORPORATION OF AMERICA

8078 WOODROW WILSON DRIVE, LOS ANGELES 46, CALIFORNIA / 656-3211



7262 MELROSE AVENUE, LOS ANGELES 46, CALIFORNIA / 933-7182

ECLAIR NPR (NOISELESS PORTABLE REFLEX) 16MM CAMERA AND ACCESSORIES

PURCHASING INFORMATION

February 1, 1965

1. INITIAL NPR ORDER

The NPR camera head cannot be sold without the purchase of at least one magazine and one motor. All other equipment and accessories can be sold separately.

2. STANDARD NPR TURRET

As of February 1, 1965, the "Standard Turret" supplied with the camera is as outlined in (Catalog Code) CIRCE, Page 1.

3. STANDARD NPR LENS

The "Standard Lens" recommended for the NPR Camera may be purchased separately. See Angenieux Lenses, (Catalog Code) ANCAM, Page 6.

4. NPR DEALERS

Unless otherwise noted, each of the following dealers provides both sale and rental cameras:

WEST COAST

Gordon Enterprises, 5362 N. Cahuenga Blvd., No. Hollywood, Calif.
Mark Armistead (Rentals Only), 1040 N. Formosa, Hollywood, Calif.

MIDDLE WEST

Behrend's Inc., 161 East Grand Ave., Chicago 11, Illinois

EAST COAST

A.B.C. Camera Corp. (Rentals Only), 352 W. 44th St., New York City
Camera Mart, Inc., 1845 Broadway, New York 36
Camera Sales Center, 333 W. 52nd St., New York 19
Florman & Babb/Ceco, Inc., 315 W. 43rd St., New York 36

U.S. NPR PRICE LIST, Effective February 1, 1965

PAGE 1
NPR CAMERAS &
AUTO CLAPPER

CATALOG CODE	DESCRIPTION	USER NET
CIRCE	16MM NPR CAMERA With Standard (CIRCE) Turret having 1-lens position with Eclair CA-1 Mount 1-lens position with Standard "C" Mount With (Cifix) Tripod Cradle Adapter With fully rotating eyepiece, variable shutter, gate protector and lens-hold protector.	\$2396.00
CIRCA	16MM NPR CAMERA (Special Order Only)..... With same description as "Circe" except turret: CIRCA TURRET - Having TWO ECLAIR CA-1 MOUNTS	\$2456.00
CIRCC	16MM NPR CAMERA (Special Order Only)..... With same description as "Circe" except turret: CIRCC TURRET - Having TWO STANDARD "C" MOUNTS	\$2496.00
CICLO	AUTOMATIC CLAPPER WITH SYNC START Installed at factory Installed After Purchase	\$ 250.00 \$ 375.00

U.S. NPR PRICE LIST, Effective February 1, 1965

CATALOG CODE	DESCRIPTION	USER NET
	MOTORS - PERFECTONE TYPE, 12V. to 15V. transistor governed, with four-channel (CICAB) Power Cable included.	
CIMUS	24 fps, Sync frequency generator, 60 cycle, A.C....	\$ 666.00
CIMPE	24 fps, " " " 100 cycle, A.C....	666.00
CIMBO	24 fps, " " " 50 cycle, A.C....	666.00
CIMAL	25 fps, " " " 50 cycle, A.C....	666.00
CIMOT	25 fps, " " " 100 cycle, A.C....	666.00

Available Soon:

_____	0/40 fps, VARIABLE SPEED MOTOR	\$
	12V. with built-in tachometer	
_____	24 fps, "UNIVERSAL" SYNC MOTOR	\$
	60 cycle, 120V. A.C.	

CIRMA	MAGAZINE - 400 ft., COAXIAL TYPE	\$ 788.00
	With feed and takeup spool, film loop protector cover, spindle locks, drive clutch and noise- maker, loop guard noise-maker.	

Available Soon:

_____	MAGAZINE - 1200 ft., COAXIAL TYPE	\$
_____	MAGAZINE - 400 ft., SINGLE SYSTEM MAGNETIC TYPE.....	\$

U.S. NPR PRICE LIST, Effective February 1, 1965

PAGE 3
NPR BATTERIES &
ACCESSORIES

CATALOG CODE	DESCRIPTION	USER NET
ACIBAT	BATTERY WITH BUILT-IN CHARGER..... 4 A.H., 12V. Nickel Cadmium rechargeable battery with built-in charger and voltmeter showing battery condition and sync pulse voltage. In leather case with strap and sync pulse relay and output socket.	\$ 225.00
CIBAT	12V. SAFT TYPE BATTERY, VO4 Nickel Cadmium with sync pulse relay and output socket In Leather Case.....	160.00
CIBCO	BATTERY, Same description as CIBAT except case In Metallic Case	170.00
CIBRE	CHARGER, for CIBAT or CIBCO Battery..... Provides both normal (15Hr) and trickle charge from 120V. A.C. and 220V. A.C. Equipped with Ammeter and fuse protection.	123.00
AMCIB	CHARGER for CIBAT or CIBCO Battery..... 120V. 60Hz Battery charger, Hi-Lo Charge, glow light.	80.00
CAMTES	LOCATION TESTER..... Is connected in series between Camera and Battery. Shows battery voltage, camera amperage drain, sync signal voltage.	90.00
CICAB	SPARE CABLE for 12Volt Motor, with sync pulse channel.....	26.00
CICSY	SYNC OUTPUT CABLE.....	14.00

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PAGE 4
NPR CARRYING
CASES

CATALOG CODE	DESCRIPTION	USER NET
CICOF	CAMERA CARRYING CASE, contains complete Camera, 2 magazines, matte box, zoom lens, battery and charger	\$ 110.00
ACICOF	CAMERA CARRYING CASE, deep flotation, contains everything except the magazines.....	75.00
VERCOF	CAMERA CARRYING CASE Metal, vertical, contains everything except magazines (not flotation type).	60.00
AMACOF	MAGAZINE CARRYING CASE, deep flotation, contains two magazines	40.00

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CATALOG CODE	DESCRIPTION	USER NET
CIPAR	MATTE BOX WITH DOUBLE FILTER HOLDER (2.4" x 3.4")..... Includes supporting rod (CITIG) for Matte Box.	\$ 125.00
	<u>AVAILABLE SOON:</u>	
CIPFI	MATTE BOX WITH DOUBLE FILTER HOLDER (3" x 3" or 3" x 4")..... Includes supporting rod (CITIG) for Matte Box.	_____
CISUP	LONG LENS SUPPORT (requires CITIG).....	30.00
CITIG	SUPPORT ROD (for use with CISUP).....	15.00
CIBOB	400' SPLIT FLANGE for making daylight loads out of core loads	30.00
	LENS INTERMEDIATE TO "C" MOUNT	
CINTA	For use with Cameflex (CA-1) Mount Lenses - Fixed type	66.00
CIRAD	For use with Arriflex Mount Lenses	98.00

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PAGE 6
ANGENIEUX
LENSES

CATALOG CODE	DESCRIPTION	USER NET
ANCAM	ZOOM 10 x 12 to 120mm f 1/2.2..... IN ECLAIR CA-1 MOUNT Complete with sunshade filter retainer	\$ 860.00
	ANCAM ACCESSORIES:	
PARAN	Spare Sunshade filter retainer.....	20.00
FILAN	Filter, Series 9, Tinted Glass U.V. only.....	25.00
BONIN	Closeup lens 2'9" to 4'6"	30.00
BONDE	Closeup lens 2'1" to 2'9"	30.00
BAGDA	Locking Ring	
ANFO	FOCUS HANDLE FOR ANCAM ZOOM	40.00
ANZBA	ZOOM L 2 F 17 to 68 f 1/2.2	400.00
	IN ECLAIR CA-1 MOUNT Complete with sunshade filter retainer	
	ANZBA ACCESSORIES:	
PAZOC	Spare Sunshade filter retainer	15.00
FIZOC	Filter, Series 7, tinted glass, specify shade.....	20.00
BOZOC	Closeup Lens 2'2" to 4'1".....	20.00
BOZUD	Closeup Lens 1'8" to 2'4".....	20.00
RETRO	Retro-Zoom 12.5 to 50	200.00
PATRO	Sunshade filter retainer for Retro	15.00
FITRO	Filter, Series 8, for "Retro," tinted glass, specify shade.....	20.00
ANDIX	ZOOM 10 x 25 to 250mm (Special Order Only) IN ECLAIR CA-1 MOUNT Complete with sunshade filter retainer	2532.00
	ANDIX ACCESSORIES: Special Order Only.	

Note: ALL ANGENIEUX FIXED FOCAL LENGTHS OF 18.5mm
AND OVER ARE ALSO AVAILABLE IN ECLAIR CA-1
MOUNTS

U.S. NPR PRICE LIST, Effective February 1, 1965

CATALOG CODE	DESCRIPTION	USER NET
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KINOPTIK LENSES
IN ECLAIR CA-1 MOUNT:

TEGEA	5.7mm f 1/1.8 with slot for 2" sq. glass filters....	\$ 600.00 *
TEKIN	9.8mm f 1/1.8 with slot for 2" sq. glass filters....	630.00 *
KITUC	12.5mm 2.5	380.00 *
KITOB	18.mm 2.0	300.00 *
KINAB	25.mm 2.0	240.00 *
KINEC	28.mm 2.0	240.00 *
KITIT	32.mm 2.0	240.00
KINID	35.mm 2.0	240.00
KINOF	40.mm 2.0	250.00
KINOG	50.mm 2.0	250.00
KIPAJ	50mm 1.3	450.00
KIPEL	75mm 2.0	300.00
KIPIM	100mm 2.0	425.00
KIPON	150mm 2.5	525.00
KINTE	210mm 2.8	550.00
KITAR	300mm 3.5	575.00
KITES	500mm 5.6	600.00

KINOPTIK ACCESSORIES:

FIKBA	Filter 5, 7 - Specify shade.....	
FIKAR	For all lenses from "Tekin" to "Kipel" above	25.00
FIKET	For all lenses from "Kipim" to "Kites" above.....	70.00

SOM-BERTHIOT ZOOM LENSES:

ZOCIR	ZOOM F 17 to 85 f 1/2 in Eclair CA-1 Mount	440.00 *
ZOCEB	ZOOM F 17 to 85 f 1/3.8 in Eclair CA-1 Mount	275.00 *

SOM-BERTHIOT ACCESSORIES:

PARZO	Spare sunshade for Zocir.....	15.00
PAZOR	Spare sunshade for Zoceb	15.00
ZOBON	Closeup lens 3'3".....	20.00
ZOBUT	Closeup Lens 6'5"	20.00

*

PLUS 10% FEDERAL EXCISE TAX applicable to all
lenses of 30mm and under.